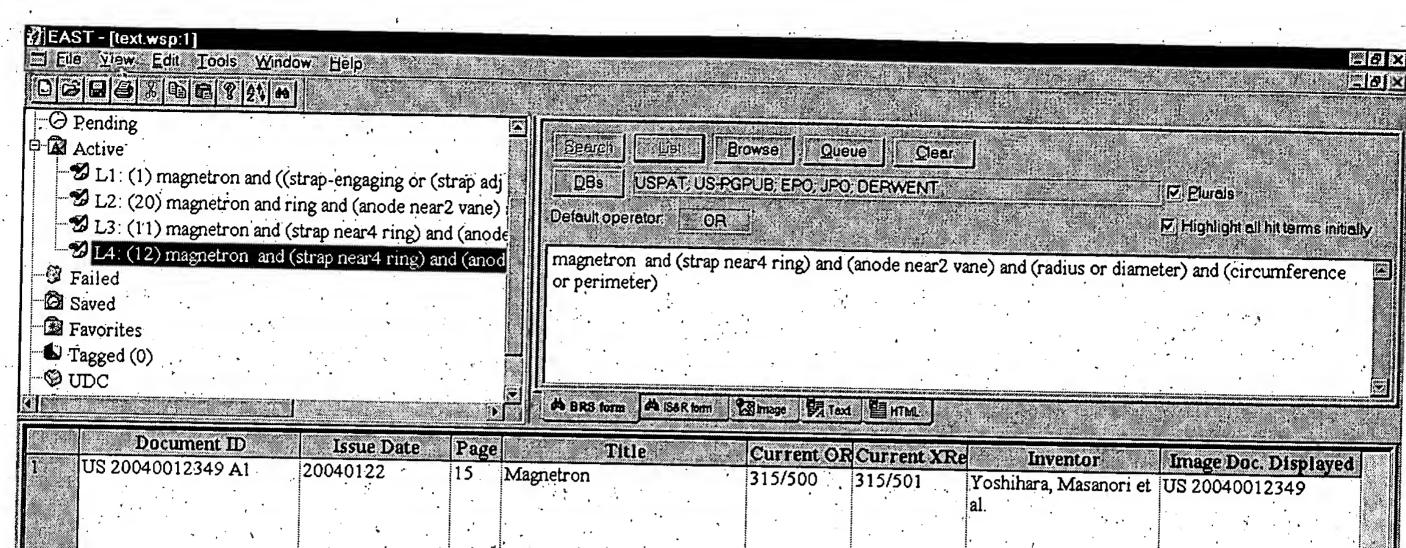


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|-----|--|--|--------------|--|---|---|---|--|
| 1   | US 20040012349 A1  | 20040122   | 15           | Magnetron  | 315/500   | 315/501   | Yoshihara, Masanori e                               |  |
|     |  |  | ***          |  |   |   | al.   |  |
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|     |  |  |              |  |   |   |   |  |
| 2   | US 6339294 B1  | 20020115   | 7            | Magnetron anode vanes having   | 215/3075  | 315/39.69   | Deader Michael Deame                                | 770 (0000)   |
|     |  |  |              | a face portion oriented  | ر ۱۰۶۰۱۱  | 217733.03   | Brady, Michael Barry<br>Clive et al.                | US 6339294   |
|     |  | ,  |              | towards the anode center   |   |   | Onve et al.   |  |
|     | . · · · · · · · · · · · · · · · · · · ·  |  |              |  | ,   |   |   |  |
| 2   | US 5180946 A   | 10020110   | 1            |  |   |   |   |  |
| ,   | 105 7100946 A  | 19930119   | 15           | Magnetron having coaxial   | 315/39.51   | 315/39.53   | Aiga, Masayuki et al.                               | US 5180946   |
|     |  |  |              | choke means extending into the output side insulating tube   |   |   |   |  |
|     |  |  |              | space  |   |   |   |  |
| gi. |  |  |              |  |   | *   |   |  |
| 4   | US 5049782 A   | 19910917   | 13           | Magnetron with harmonic  | 315/39.51   | 313/238;  | Aiga, Masayuki et al.                               | US 5049782   |
|     |  |  |              | suppression means  |   | 313/333;  |   | 00 3043702   |
|     |  |  | ļ · ·        |  |   | 315/39.69;  |   |  |
|     |  |  |              |  |   | 315/39.75   |   |  |
| 5   | US 4720659 A   | 19880119   | 5            | Magnetron  | 215/20 60   | 215/20 51   |   |  |
|     |  | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |              | Wingsieu Oil   | 315/39.69   | 315/39.51;<br>315/39.75   | Aiga, Masayuki et al                                | US 4720659   |
|     |  | * · · · · ·  |              |  | ***************************************               | 313/39.73   |   |  |
|     |  |  |              | 44   | -   |   |   |  |
| 4   | TIC 4705000 A  | 1000111  |              |  |   |   |   |  |
|     | US 4705989 A   | 19871110   | 14           | Magnetron with a ceramic   | 315/39.51   | 313/341;  | Takada, Kousuke et al.                              | US 4705989   |
| i.  | . '  |  |              | stem having a cathode support structure  |   | 315/39.53;  |   |  |
|     | , ,  |  |              | Su detti e   |   | 315/39.55;<br>315/39.63;  |   |  |
|     |  |  |              |  |   | 315/39.75;  |   |  |
| 7   | US 4489254 A   | 19841218   | 16           | Magnetron '  | 315/39.51   | ***************************************   | Koinuma, Tokuju et al.                              | US 4489254   |
|     |  | * ****   |              |  |   | 313/449;  | ' «   | 08 4407234   |
|     |  | 1  |              | • .  | -   | 315/39.63, .  |   |  |
|     |  |  |              | •  |   | 331/91  |   |  |
| 8   | US 4274032 A   | 19810616   | 10 .         | High power liquid cooled   | 315/39.51   | 212/17.   |   |  |
|     |  |  | •            | double strapped varie type   | 313/39.31   | 313/17,<br>313/32,  | Dodonov, Jury I. et al.                             | US 4274032   |
|     |  |  | -            | magetron   |   | 313/39,   | 4   |  |
|     |  |  | • •          | •  | j.  | 315/39.69;  |   |  |
| ٥   | US 3861191 A   | 10750101   |              |  | ****************************                          | 315/39.75   |   |  |
|     | OB JOUITST A   | 19750121   | . :          | METHOD OF  | 72/267  |   | Sato, Kazuo et al.                                  | US 3861191   |
|     |  | ,  | •            | MANUFACTURING AN<br>ARTICLE HAVING A   | . *   | 72/355.2  |   |  |
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|     | 1  |  |              | INTEGRAL THIN-WALLED P   |   |   |   |  |
| 10  | EP 1385191 A1  | 20040128   |              | Magnetron  |   |   | YOSHIHARA,-   | EP 1385191 A1  |
|     |  | ***  |              |  |   |   | MASANORI et al.                                     |  |
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| 11  | JP 2000243307 A  | 20000908 7   | 7            | Magnetron apparatus for use in   |   |   | ·   | TD 00000 40000 1   |
|     |  | ,  |              | microwave oven, has  |   | •   |   | JP 2000243307 A  |
|     |  |  | ·            | through-hole formed in strap   |   | asaa daga qaa   |   |  |
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|        |  | ,                                       |            | •  | ,                                       |  |   |   | ai.                                      |                             |
|        | <i>A</i> :   | , ' v ·                                 | •          | •  |   |  | 4                                       |   | . ,                                      | *                           |
|        |  |   |            |  |   | <b>1</b>   |   | 1.                                      |  |                             |
| 2      | US 6339294 B1  |   | 20020115   | ,,   | . 7 ,.                                  | Magnetron anode vanes having                       | ~ 215/3075                              | 315/39.69                               | 7-4-16-170                               |                             |
|        |  |   |            | 7  |   | a face portion oriented                            | 12122.15                                | 31,0133,03                              | Brady, Michael Barry                     | US 6339294                  |
|        |  | •;                                      |            | ·: · '   |   | towards the anode center                           |   | •                                       | Clive et al.                             | *                           |
|        |  | •                                       | <b>.</b>   | * ,  |   |  | . :                                     |   |  |                             |
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| 3      | US 5180946 A   | *****                                   | 19930119   |  | 15                                      | Magnetron having coaxial                           | 315/39.51                               | 315/39.53                               | 7.5                                      |                             |
|        | <b>A</b> .   |   |            |  | •                                       | choke means extending into                         |   | 21,00                                   | Aiga, Masayuki et al.                    | US 5180946                  |
|        |  | •                                       |            |  | *************************************** | the output side insulating tube                    |   |   |  |                             |
|        |  | •                                       |            | . ;  |   | space  |   |   |  |                             |
|        | 4  | *************************************** |            | ,  |   |  |   |   | 12                                       |                             |
| 4      | US 5049782 A   |   | 19910917   | ***************************************  | 13                                      | Magnetron with harmonic                            | 315/39.51                               | 313/238;                                | Aire & Committee at at                   |                             |
|        |  |   | 1          | . ]  | : ;                                     | suppression means                                  | 313,33.2.                               | 313/238,                                | Aiga, Masayuki et al.                    | US 5049782                  |
|        | A  |   |            | · :)   | 1                                       |  |   | 315/39.69;                              |  |                             |
|        | · · · · ·  | •                                       |            | • • • • • •  | 1.7                                     |  |   | 315/39.75                               |  |                             |
| 2      | 4  |   |            | :. ]   |   | 7  |   | 31379.13                                |  |                             |
| 5.     | US 4720659 A   |   | 19880119.  | ,  | 5 '                                     | Magnetron  | 315/39.69                               | 315/39.51;                              | Aire Manager of of                       |                             |
|        |  |   |            |  | 1                                       | .,,  | 7.3.33.33                               | 315/39.51,                              | Aiga, Masayuki et al.                    | US 4720659                  |
|        |  |   |            |  | 1. 1                                    | 1  | · · · ·                                 | 313,35.15                               |  |                             |
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| 6      | US 4705989 A   |   | 19871110   | *  | 14                                      | Magnetron with a ceramic                           | 315/39.51                               | 313/341;                                | Tolando Vounda et al                     |                             |
|        | A:···  | * ut 7                                  | •          |  |   | stem having a cathode support                      |   | 315/39.53                               | Takada, Kousuke et al.                   | US 4705989                  |
|        | A  | ,                                       |            | ***************************************  |   | structure  | ;                                       | 315/39.55;                              |  |                             |
|        |  |   |            |  | , 1                                     | 1  |   | 315/39.63;                              |  |                             |
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| 7      | US 4489254 A   |   | . 19841218 | . 1  | 16 1                                    | Magnetron  | , | *************************************** | Koinuma, Tokuju et al.                   | 770 440000                  |
|        | A  |   |            |  | ,                                       |  | : :                                     | 313/449;                                | Monitorna, Tokuju et ar.                 | US 4489254                  |
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| 8      | US 4284924 A   |   | 19810818   |  |   |  | 315/39.51                               | 315/39.71                               | Dodonov, Jury I                          |                             |
|        | 1 . '  | -                                       |            |  |   | device   | ,                                       | f                                       | Dodonov, July 1                          |                             |
|        | 4. · · · · · · · · · · · · · · · · · · ·   |   |            |  |   | · ·  | , , ,                                   | 1                                       | r. The second                            |                             |
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| 0      | US 4274032 A   |   |            |  |   |  |   |   | 1  | ,                           |
|        | US 42/4032 A   | ,                                       | 19810616   | 11   | 10 H                                    | High power liquid cooled 3                         | 315/39.51.                              | 313/17, ]                               | Dodonov, Jury I. et al.                  | US 4274032                  |
|        |  | 4                                       | ·          |  | d                                       | double strapped vane type                          |   | 313/32;                                 | bodonov, body a dom.                     | 054214032                   |
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|        |  | , ,                                     | •          |  |   |  |   | 315/39.69;                              | e se | 1                           |
| 10     | US 3861191 A   |   | 10250101   |  |   |  | 3                                       | 315/39.75                               |  | •                           |
|        | DB 3001131 T   |   | 19750121   | 7.   | 1                                       | METHOD OF 7  | 72/267 7                                | 72/334;                                 | Sato, Kazuo et al.                       | US 3861191                  |
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| in j   | EP 1385191 A1  |   | 20040128   | 1  |   | NTEGRAL THIN-WALLED P                              |   |   |  |                             |
|        | )E 100010121   |   | 20040126   | . 10   | 8 M                                     | Magnetron  | •                                       | , 13                                    | YOSHIHARA, I                             | EP 1385191 A1               |
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| і2. Л  | JP 2000243307 A  | -                                       | 20000908   | 7  |   |  | *************************************** |   | *  |                             |
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| 14.    | í I  |   |            | ٠  | · m                                     | nicrowave oven, has                                | ,                                       |   |  | 1,50002.333.11              |
|        |  |   | :          |  | uı.                                     | hrough-hole formed in strap                        | . ************************************* |   |  | •                           |
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